

# TITANZEX® HP6100

High Density Polyethylene

Lotte Chemical Titan (M) Sdn. Bhd.

Message:

TITANZEX® HP6100 is a High Density Polyethylene material. It is available in Asia Pacific for extrusion or pipe extrusion.

Important attributes of TITANZEX® HP6100 are:

Creep Resistant

Impact Resistant

Typical applications include:

Industrial Applications

Plumbing/Piping/Potable Water

General Information	
Features	Good Creep Resistance
	High Impact Resistance
Uses	Industrial Applications
	Piping
Forms	Pellets
Processing Method	Extrusion
	Pipe Extrusion

Physical	Nominal Value	Unit	Test Method
Density	0.953	g/cm <sup>3</sup>	ASTM D1505
Melt Mass-Flow Rate (MFR) (190°C/2.16 kg)	0.050	g/10 min	ASTM D1238
Environmental Stress-Cracking Resistance (F50)	1000	hr	ASTM D1693
Mechanical	Nominal Value	Unit	Test Method
Tensile Strength			ASTM D638
Yield	27.5	MPa	
Break	30.4	MPa	
Tensile Elongation (Break)	740	%	ASTM D638
Impact	Nominal Value	Unit	Test Method
Notched Izod Impact	250	J/m	ASTM D256

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